Title (en)

ANTIBODY ASSAY

Title (de)

ANTIKÖRPERTEST

Title (fr)

DOSAGE D'ANTICORPS

Publication

EP 3545309 B1 20210331 (EN)

Application

EP 17807913 A 20171124

Priority

- GB 201619954 A 20161125
- GB 2017053541 W 20171124

Abstract (en)

[origin: WO2018096351A1] The present invention relates to a method of detecting liver cancer in a mammalian subject by detecting an antibody in a test sample comprising a bodily fluid from the mammalian subject, wherein the antibody is an autoantibody immunologically specific for a tumour marker protein selected from the group consisting of MMP9, AIF1, EpCAM and CDKN1B, which method comprises contacting the test sample with a tumour marker antigen selected from the group consisting of MMP9, AIF1, EpCAM and CDKN1B and determining the presence or absence of complexes of the tumour marker antigen bound to autoantibodies present in the test sample where the presence of said complexes is indicative of the presence of liver cancer. Also included within the invention are corresponding methods of diagnosing and treating liver cancer in a mammalian subject, corresponding methods of predicting response to an anti-liver cancer treatment, a corresponding method of detecting an antibody in a test sample comprising a bodily fluid from a mammalian subject and kits suitable for performing methods of the invention.

IPC 8 full level

G01N 33/574 (2006.01); G01N 33/564 (2006.01)

CPC (source: CN EP KR RU US)

G01N 33/564 (2013.01 - KR RU); **G01N 33/57438** (2013.01 - CN EP KR RU US); **G01N 33/57484** (2013.01 - CN KR RU); **G01N 33/6893** (2013.01 - CN); G01N 33/564 (2013.01 - EP); G01N 2800/50 (2013.01 - CN); G01N 2800/52 (2013.01 - EP KR)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2018096351 A1 20180531; AU 2017365931 A1 20190606; BR 112019010636 A2 20191001; CA 3044492 A1 20180531; CN 108107218 A 20180601; CN 108107218 B 20211008; CN 113655224 A 20211116; EP 3545309 A1 20191002; EP 3545309 B1 20210331; GB 201619954 D0 20170111; IL 266857 A 20190731; JP 2020515826 A 20200528; JP 7249284 B2 20230330; KR 20190088510 A 20190726; MX 2019006098 A 20191202; RU 2019118625 A 20201225; RU 2019118625 A3 20210331; RU 2769987 C2 20220412; US 2019376975 A1 20191212

DOCDB simple family (application)

GB 2017053541 W 20171124; AU 2017365931 A 20171124; BR 112019010636 A 20171124; CA 3044492 A 20171124; CN 201711213227 A 20171127; CN 202110715736 A 20171127; EP 17807913 A 20171124; GB 201619954 A 20161125; IL 26685719 A 20190523; JP 2019548777 A 20171124; KR 20197018129 A 20171124; MX 2019006098 A 20171124; RU 2019118625 A 20171124; US 201716463549 A 20171124